

## AMENDMENT TO THE SPECIFICATION

Please replace the paragraph starting on page 16, line 28, with the following amended paragraph:

The target polynucleotides which are analyzed (*e.g.*, detected) by the methods and compositions of the invention are contacted to a probe or to a plurality of probes under conditions such that polynucleotide molecules having sequences complementary to the probe hybridize thereto. As used herein, a "probe" refers to polynucleotide molecules of a particular sequence *[[at]]* to which target polynucleotide molecules having a particular sequence (generally a sequence complementary to the probe sequence) are capable of hybridizing so that hybridization of the target polynucleotide molecules to the probe can be detected. The polynucleotide sequences of the probes may be, *e.g.*, DNA sequences, RNA sequences or sequences of a copolymer of DNA and RNA. For example, the polynucleotide sequences of the probes may be full or partial sequences of genomic DNA, cDNA, mRNA or cRNA sequences extracted from cells. The polynucleotide sequences of the probes may also be synthesized, *e.g.*, by oligonucleotide synthesis techniques known to those skilled in the art. The probe sequences can also be synthesized enzymatically *in vivo*, enzymatically *in vitro* (*e.g.*, by PCR) or non-enzymatically *in vitro*.